

IN THE SPECIFICATION:

At page 1, please replace the paragraph beginning on line 13 and ending on line 15 with the following amended paragraph:

Gould, Steven. "Develop n-tier applications using J2EE", Figure 2, 2002, JavaWorld.com, Java World, p. 3/10. ~~The document is retrieved online from the following Internet location on January 23, 2003.~~

At page 1, please delete the paragraph beginning on line 16 and ending on line 17.

~~URL: http://www.javaworld.com/javaworld/jw-12-2000/jw-1201/weblogic_p.html~~

At page 1, please replace the paragraph beginning on line 19 and ending on line 22 with the following amended paragraph:

Baldwin, Richard G. "A Middle-Tier Serer" in "Enterprise JavaBeans: Middle-Tier Servers and J2EE", 2002, Jupitermedia Corporation, a search result for "developer.com + GAMELAN", pp. 4/12-5/12. ~~The document is retrieved online from the following Internet location on December 11, 2002.~~

At page 1, please delete the paragraph beginning and ending on line 23.

~~URL: <http://www.developer.com/java/other/article.php/641331>~~

At page 1, please replace the paragraph beginning on line 25 and ending on line 27 with the following amended paragraph:

"Solution" in "Sun Java Center J2EE Patterns Service Locator", 2002, Sun Microsystems, Inc., Java Technology Home Page, pp. 3/12-6/12. ~~The document is retrieved online from the following Internet location on December 24, 2002.~~

At page 1, please delete the paragraph beginning on line 28 and ending on line 29.

~~URL:file://C:\WINDOWS\TEMP\TD_0024.DIR\Sun%20Java%20Center%20-
%30Service%20Locator%20J2EE%30Patterns.htm~~

At page 2, please replace the paragraph beginning on line 8 and ending on line 11 with the following amended paragraph:

It is therefore an object of the present invention to provide a multi-tier application architecture in which access to objects is fast and a fail-safe function against middle-tier crash is provided. ~~In this specification~~ As used herein, the ~~architecture~~ term "architecture" signifies a computer program architecture.